

Date: Mon, 8 Nov 93 12:31:10 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1324
To: Info-Hams

Info-Hams Digest Mon, 8 Nov 93 Volume 93 : Issue 1324

Today's Topics:

 Anyone worked VE30NT via EME ?
 BAUD VS BAUDS
 Care and Feeding LARGE Gel-Cells?
 characteristic impedance (2 msgs)
 Fun with Radio Shack
 HDN Releases
 Jameco Parts Catalog
 Kenwood address - info needed
 Stolen ICOM 2-meter
 The first repeater on the air (2 msgs)
 VE30NT summary
 VK2SG RTTY DX Notes, 5 November
 WW DX Fone 93 QSL info: Summary

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Nov 1993 16:29:18 GMT
From: pa.dec.com!nntpd.lkg.dec.com!athena.uto.dec.com!beyer@decwrl.dec.com
Subject: Anyone worked VE30NT via EME ?
To: info-hams@ucsd.edu

Anybody out there who worked VE30NT off the moon with their 150Ft dish this
weekend?

I did on 23, with 100W / 0.5 dB at the feed of a 4.5Ft dish.....

/Peter -PA3AEF-

--

Peter Beyer
Windows, Graphics & Multimedia
Digital Equipment b.v.
beyer@athena.uto.dec.com

Date: 8 Nov 93 16:18:47 GMT
From: news-mail-gateway@ucsd.edu
Subject: BAUD VS BAUDS
To: info-hams@ucsd.edu

Ken Smith (ken.smith@network.ucsd.edu) writes:

>Doesn't BAUD fall into the category of words like DATA? It remains the
>same.

>Ken

Ummm ... not really. DATA is a plural already, the singular being
DATUM. According to my Concise Oxford Dictionary, there is no
distinction between the singular and plural of BAUD. There's no
such thing as "bauds" in there either.

Cheers,
Simon.

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=====
_/_/_/_/ Simon Woodworth          | Tel:  +353-21-357101 x258
_/_/_/_/ Motorola Ireland Ltd.    | Fax:  +353-21-357635
/_/_/_/_/ European Cellular       |-----
/_/_/_/_/ Infrastructure Division  | uunet!motcid!glas!woods
      Blackrock, Cork, Ireland. | woods@glas.rtsg.mot.com
=====
```

Date: 8 Nov 93 17:26:18 GMT
From: ogicse!cs.uoregon.edu!news.uoregon.edu!newsadmin@network.ucsd.edu
Subject: Care and Feeding LARGE Gel-Cells?
To: info-hams@ucsd.edu

I have come into possession of 3 large 12v gell cells, manufactured by Best
with a part# bata-048. Could someone point me to a good source for

building/buying a charger for these. Also any specs that are available would be appreciated.

--

Jeff Hite KF7SZ
Computing Center
U of Oregon
jeffh@ludwig.cc.uoregon.edu

Date: 8 Nov 1993 16:41:19 GMT
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!avdms8.msfc.nasa.gov!
sol.ctr.columbia.edu!usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!
news@network.ucsd.edu
Subject: characteristic impedance
To: info-hams@ucsd.edu

[> The characteristic impedance of a line is given by the formula
[>
[> $Z_0 = 138 \log(d_2/d_1)$
[>
[> where d_2/d_1 is the ratio of the respective diameters of the inner and
[> outer

=====

This formula only works for a particular dielectric.

73 de Jack,, K9CUN

Date: 8 Nov 1993 16:40:39 GMT
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!avdms8.msfc.nasa.gov!
sol.ctr.columbia.edu!usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!
news@network.ucsd.edu
Subject: characteristic impedance
To: info-hams@ucsd.edu

[In article <9311081152.AA32868@swmis> P.Lucas@mail.nerc-swindon.ac.UK
[writes:
[>
[> No-one has yet pointed out that you can 'measure' it directly! No need
[for
[> anything electrical, electronic or radio.
[>
[> The characteristic impedance of a line is given by the formula
[>

[> Zo = 138Log (d2/d1)
[>
[> where d2/d1 is the ratio of the respective diameters of the inner and
[>outer

=====
This formula only works for a particular dielectric.

73 de Jack,, K9CUN

Date: 8 Nov 93 11:11:10
From: sdd.hp.com!nigel.msen.com!ilium!rcsuna.gmr.com!rcsuna.gmr.com!
vbreault@decwrl.dec.com
Subject: Fun with Radio Shack
To: info-hams@ucsd.edu

Date: Sun, 07 Nov 1993 00:27:05
From: concert!news-feed-1.peachnet.edu!darwin.sura.net!math.ohio-state.edu!
sol.ctr.columbia.edu!news.kei.com!news.oc.com!utacfd.uta.edu!rwsys!ocitor!
FredGate@decwrl.dec.com
Subject: HDN Releases
To: info-hams@ucsd.edu

The following files were processed Sunday 11-07-93:

HAMLOG [HAM: Amateur radio logging programs]

HAMLOG43.ZIP (277934 bytes) HamLog v4.3 by HB9CQV
20-Oct-1993 english a
nd german docs

277934 bytes in 1 file(s)

Total of 277934 bytes in 1 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org
IP NET address 140.98.2.1

Directories are:
pub/fidonet/ham/hamnews (Bulletins)

/hamant (Antennas)
/hamsat (Sat. prg/Amsat Bulletins)
/hampack (Packet)
/hamelec (Formulas)
/hamtrain (Training Material)
/hamlog (Logging Programs)
/hamcomm (APLink/JvFax/Rtty/etc)
/hammods (Equip modification)
/hamswl (SWBC Skeds/Frequencies)
/hamscan (Scanner Frequencies)
/hamutil (Operating aids/utils)
/hamsrc (Source code to programs)
/hamdemo (Demos of new ham software)
/hamnos (TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.
1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter: Guest;guest <return>

lee - wa5eha
Ham Distribution Net

* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

Date: Mon, 8 Nov 1993 16:46:18 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!gatech!usenet.ins.cwru.edu!
news.ecn.bgu.edu!willis1.cis.uab.edu!right.dom.uab.edu!user@network.ucsd.edu
Subject: Jameco Parts Catalog
To: info-hams@ucsd.edu

> >I had heard rumors Jameco was coming out with a components catalog.
> >Got mine yesterday. No chip capacitors, but 20 and 40 watt 2 meter
> >power amplifier kits, about \$2 a watt output, 2 meter transceiver
> >kit, and some other ham kits including some 20 and 40 meter QRP
> >kits.
>
> These appear to be most of the kits from the Ramsay Electronics line
> advertised in the magazines.

Are they any good? I have been thinking about building a 2 meter
power amp with some plans from a Motorola Application Note. With the
price of a single transistor about a dollar a watt the price on these
kits is attractive.

Steve Holland, KD4TTC

Date: 8 Nov 93 18:28:10 GMT
From: news-mail-gateway@ucsd.edu
Subject: Kenwood address - info needed
To: info-hams@ucsd.edu

In an article, jonathan bucki (n9mks) writes:

>I haven't used my HT for about a year and a half. When I dug it out of the
>box I found that I didn't have the manual. Could someone either post
>or send me Kenwood's USA address? Or if there is an electronic version of
>the TH-26AT manual somewhere, where can I find it?

Kenwood's USA operation is at 2201 East Dominguez Street, P.O. Box 22745,
Long Beach, CA 90801-5745. Their phone is 310-639-9000.

Last time I checked (about 1 year ago) the Amateur Radio Products
salesperson was Maria Lopez. You may talk her out of a manual, but it is
more likely she will refer you to their distributor to buy one.

Parts, service manuals, etc. are available from their distributor, Pacific
Coast Parts in Gardina, CA. Phone orders with Visa/Mastercard:
800-262-1312. I have had excellent service from them, more than I can say
for the Midwest outfit that supports Sansui (but that's another story).

73

Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com
Rockwell International Ham: KD6MCI
(714) 762-2872
Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

Who are you? * I am number 2. * Who is number 1? * You are number 6.

Date: 8 Nov 93 19:52:59 GMT
From: news-mail-gateway@ucsd.edu
Subject: Stolen ICOM 2-meter
To: info-hams@ucsd.edu

>A 2-meter HT was stolen from my car last weekend in Sunnyvale, California.

craig -- don't forget to scour the pawn shops. that's where my Yaesu FT727R and FT109rh turned up (still haven't found the HTX-202...). if someone finds 'em they should discretely contact the cops and let them retrieve the goods (pawn shop operators hate being caught with stolen property...8)).

hit up the radio shacks too. one of the guys at one of the stores had had someone come in asking what the '109 was worth...but i hadn't worked my way over to the store yet...was there that afternoon and the possible perp was there in the morning.

i also tried to get the word out to all the various organizations in the area -- including things like REACT (one of their guys found the 2 recovered rigs), the pro radio shops, surplus dealers, and such. you never know exactly where a trail will turn up.

it does depend on how much this stuff is worth to you tho, because it can be a lot of work....but in my case it yielded 2 rigs and their battery charger so i'd probably do it again.

bill wb9ivr

Date: 8 Nov 93 15:34:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: The first repeater on the air
To: info-hams@ucsd.edu

A couple of weeks ago I remember a discussion about the first amateur repeater ever put on the air. Here's something to add to the discussion...

Last month, the guest speaker at our club, the Wellesley (Mass.) ARS, was Steve Rudin W1WSN. Steve gave a very interesting talk on the history of FM in amateur radio. He said that there was a FM repeater put on the air in Holyoke, Massachusetts in 1939 (yes, that's not a typo!), so perhaps that could be the first repeater. I don't remember the band or callsign used, unfortunately. Perhaps, as I did, you wonder why and how people used FM in 1939. The motivation for FM was when hams tried to use AM while mobile: the ignition noise was terrible. The AMers and mobile FMers could still talk to each other quite easily, by the way, because FM could be slope-detected on an AM receiver.

73,

Scott W01G

=====

Scott Sminkey email: sasminkey@eng.xyplex.com
Software Sustaining Engineering voice: 508 952-4792

Xyplex, Inc. fax: 508 952-4887
295 Foster St. (Opinions, comments, etc. are mine,
Littleton, MA 01460 not Xyplex's...)

Date: Mon, 8 Nov 1993 16:54:35 GMT
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!
hpscit.sc.hp.com!cupnews0.cup.hp.com!jholly@@
Subject: The first repeater on the air
To: info-hams@ucsd.edu

Scott Sminkey - Sustaining Eng Group (sas@opus.xyplex.COM) wrote:
: each other quite easily, by the way, because FM could be slope-detected on
: an AM receiver.

Yes, that would work fine for FM to AM, but how did the AM'ers talk to
the FM'ers? Seems if the AM xmitr is good there should be no FM.

Jim Hollenback, WA6SDM
jholly@cup.hp.com

Date: 8 Nov 93 17:36:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: VE30NT summary
To: info-hams@ucsd.edu

VE30NT EME Test : 1993 Summary

During the two weekends of the 1993 A.R.R.L. International EME Competition,
the Toronto VHF Society used the 46-m (150') dish at the Algonquin Radio
Observatory. Here is a summary of our results.

Band	QSOs	Multipliers	
144	235	46	
432	246	41	
1296	79	29	
TOTAL	560	116	= 6,496,000 points

As a non-amateur antenna, VE30NT's score should not be compared against
that of other stations. The above listing represents one day each on 144
and 1296 MHz and 2 days on 432. The 432 score may be broken down to:

(first day) 167 * 37
+ (second day) 79 * 4 new ones.

Equipment: 144 & 432 MHz : KW, RHCP helix feeds; 1296 : 100 W, coffee-can with L/R switching. Power amps and transverters were mounted at the feed. Feeds were built by Bob Morton (VE3BFM) of Sinclabs Amateur Products Division. Preamps on 432 and 1296 were made by WD5AG0. Operators: VE2DF0, VE3AS0, VE3BFM, VE3CRU, VE3DSS, VE3EMS, VE3KDH, VE3VD, and W9IP.

Conditions the first weekend were fair, deteriorating after 1700 UTC on Sunday. The second weekend, aurora-induced absorption was very bad. QSB made copying weak 432 MHz stations difficult. 23 cm echos were extremely loud; we could hear our own echos with << 1 watt output. However, activity declined to nearly zero after European moonset. We also listened extensively for the Mars Observer with no result, even using AF9Y's extraordinary DSP software.

Equipment worked flawlessly the first weekend. During the second weekend, we had some equipment troubles at about 0900-1100 UTC on 432; at 0400 local time Saturday morning, VE3CRU and W9IP had the pleasure of going up in the 90' cherry-picker in wind and snow to fix the 432 MHz amplifier.

A large number of EME stations insisted on duplicate QSOs, sometimes 3 or 4 dupes (!). Needless to say, this cut into our ability to work other stations even once.

Please QSL to VE30NT (1993 callbook address ONLY) or to VE3AS0, Dennis Mungham, R.R. 3, Mountain, Ontario K0E 1S0. Color photo-QSLs are being printed; expect a few weeks delay.

Michael Owen W9IP (tired but happy)

Date: Mon, 08 Nov 93 06:11:06 GMT
From: elroy.jpl.nasa.gov!swrinde!gatech!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!cis.ohio-state.edu!mstar!n8emr!bulletin@ames.arpa
Subject: VK2SG RTTY DX Notes, 5 November
To: info-hams@ucsd.edu

=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

SB DX @ ALLBBS \$RTDX1105
VK2SG RTTY DX Notes, 5 November

VK2SG RTTY DX Notes for week ending 5 November 1993 (BID RTDX1105)

Looking at the reports being received, indications are that the bands are going through a change. Solar flux has been quite low and the forecasts are giving flux below 90 for several days. As result of this situation together with the CQWW SSB Contest of last week, we had general poor activity on RTTY.

Our information this week came from ZS5S, 9X5LJ, W2JGR, WB2CJL, WA1MPB, I5ICY, I5IGQ, IK1HSR, F8XT, SP5AA and NJ0M node of the Twin Cities DX PacketCluster. Thank you all for the contribution.

Bandpass:

Friday 29

0728-14087 9H1ET
0732-14083 UN7LR
1158-14083 HP1XPM
1809-21085 CU1AC QSL to W2FXA
2031-14084 ZS4KK/ZS9 QSL to ZS4NS
2034-14081 NL7VX
2036-14085 T46RR Special PFX for CQWW
2110-14090 FM5GN

Saturday 30

0744-14081 P29BT
0828-21073 J28BM ARQ
0830-14087 OM3CPS
0831-14087 YL2KF
0957-21086 CU1AC
1030-21084 ed2fcs
1414-21081 TR8MD QSL F6FNU
1446-14087 EA6MQ
1548-14085 GW0KYT

Sunday 31

1341-21089 UT5RP
1557-21085 GI3KVD
1613-21085 EA6VS
1624-21086 IS0CDS
1629-28084 CX6AT
1758-21082 5N/DF8QB

Monday 1

0717-14085 YL2FZ
1403-21082 OM2CPS
1403-14084 UN5PR

1423-14085 UJ8JCQ
1535-21086 CU1AC
1640-21084 HJ6SQQ
2340-14087 5N/DF8QB QSL Home CBA

Tuesday 2

0032-14087 5N/DF8QB
0038-14087 5R8DG
1118-14085 9H1ET
1329-14083 LY1DD
1430-14093 OH4BB
1716-21089 EA6QK
2224-14089 HK0DPA QSL Box 0890, San Andres I., Colombia
2236-14089 HC6IM
2301-14085 J88BS
2305-14089 XE1/JA1QXY
2326-14086 C06RR

Wednesday 3

0623-14083 RW3PF
1510-14082 EA6PZ
1627-14086 LY1DD
1722-14086 FR5GS
1817-14085 ET3SID
1835-14086 RT4UA

Thursday 4

0835-14084 UW9CC
1411-14086 CN8BX ARQ
1415-14073 9K2KA ARQ

Notes of Interest

WAE CONTEST. I remind you this contest sponsored by Deutscher ARC (Germany) which will take place from 1200 UTC Saturday 13 to 2400 UTC Sunday 14 November (36 hours). For details see the RTTY Journal pg 7 Sept. 93 issue.

RTTY Honor Roll. DXAC is bringing up a vote to recognize the achievement of the RTTY DXCC status with endorsements. More info next week.

CROZET, FT4. It is reported from Jean, F8XT that Christian FT4WD will be leaving this week.

Gilberto, IK1HSR informs that IK3HHX is no more QSL manager for RJ7JYZ since April '93. Furthermore he is at disposal for those DX that need

a manager, including QSLs printing capability.

Send your bandpass and notes for next week to Bob,
WB2CJL @ W5KSI.#NOLA.LA.USA.NA or WB2CJL @ ZS5S.ZAF.AF or
WB2CJL @ I5FLN.ITA.EU.

GL de (DX2) Luciano, I5FLN @ ZS5S.ZAF.AF
/EX
SP KT7H @ N7DUO.WA.USA.NA

Date: Mon, 08 Nov 93 07:30:50 GMT
From: math.fu-berlin.de!news.dfn.de!server2.rz.uni-leipzig.de!news.uni-jena.de!
news.tu-ilmenau.de!systemtechnik.tu-ilmenau.de!tom@uunet.uu.net
Subject: WW DX Fone 93 QSL info: Summary
To: info-hams@ucsd.edu

S U M M A R Y

This is a list of stations heared in ww dx fone 1993
and their qsl info if listened.

Thanks for supplements to Jim AD1C, VE5VA, Pete OH3MEP !!!

call info/mngr

4N1T
4U1ITU IK3STG
5B4YX G0KKT
5Z4BI W4FRU
7Q7XX JH3RRA
8R1K Fone: OH1VL, (op was 0h6do), CW will via OH0XX/W4 (op will be oh0xx)
9H1EL LA2T0
9K2JC direct
9K2ZZ W8CNL
9Y4VU W3EVW
A22MN WA8JOC
AH9B/V02 Oklahoma DX Ass.
C6AFT KD7E
CH9DH VE1DH
CH9NH VE1NH
CN2JF WA0RJY(CBA93)
CQ8N
CR3R HB9CRV
CX0CW LU8DPM
EA8AH

EA9UK	EA9LZ(CBA)
ER0F	LY1FF
FJ5AB	direct
HC0E	HC1QRC
HC10T	W2KF
HS0AC	HS1ASJ
HS1BV	W3HCW
HT1T	SM0KCR
HZ1AB	K8PYD
IG8R	I0RIZ
IQ3A	
IU0A	
IU2X	
J73WA	KC4DWI
LT5H	
N6VI/KH6	
OH0M	OH1NOA
OI5AY	OH5LLR
OK5W	OK1AEZ
OT3A	ON7LR
P29DX	direct
P40W	N2MM
P43A	P43ARC
P49T	K4PI
PJ9M	OH6RM
PJ9U	OH1VR or OH3MMM (both routes ok)
S58WW	YU3HP
SU2MT	CBA
TG0AA	Box115,Guatemala City
TM6B	
TU5DX	F6ELE
US7I	NA30
V26B	WT3Q
V26N	KW8N
V31DX	KA6V
V47KP	K2DOX
V47NS	W9NSZ
VK9LI	N6AA
VP2EC	N5AU
VP2EJ	N6ZJM
VP2VFP	AB4JI
VP5L	K4UTE
VP5N	N2VW
VR6ME	Box24,Pitcairn Isl.,via Auckland,N.Z.
XA5T	XE2KB
XU7VK	HA0HW
YS1X	W3HNC
Z30M	YU5GBC

.....

— —

Planke@Systemtechnik.TU-Ilmenau.DE
Phone: +49 3677/69-1465

References <2beerb\$2m1@jericho.mc.com>, <CG1I45.L2D@boi.hp.com>,
<CG6JDz.C5v@apollo.hp.com>
Subject : Re: Radio Shack HTs

I have been told that it is made by Icom, but this was by an R.S. salesdroid, so I could be wrong.

— —

```
| "So I sent him to ask of the
| owl, if he's there, how to
| loosen a jar from the nose
| of a bear..."
```

Date: (null)

From: (null)

The recent policy change at Radio Shack to begin charging for the catalogs has caused quite a bit of resentment. I resented it when I had to pay for the catalog I use as a sales tool (I work there part-time). However, the reality is that we have been paying for the catalogs all along. The catalogs are expensive to produce and the cost of their production had been part of the cost of the products. Not only did we pay for our own catalogs, but the tens or hundreds of thousands of catalogs that were taken from the stores by folks that took them just because they were free. Junk mail and other "Free" advertising seems to have a very short persistence in most folks homes, often landing in the trash the same day it's received.

Imagine you worked for a company that published a free catalog. Imagine that 100,000 of those \$3 catalogs were discarded within a week. That's \$300,000 ... a third of a million dollars that is spent on providing substance for landfills. Given the recent economic climate where every expenditure is evaluated for it's return on investment would you feel that free catalogs were a valuable and cost efficient way to use your companies advertising resources?

Although it's a pretty tough policy, I think the company did the right thing, albeit an unpopular thing.

Charging for the catalogs reduces the number of catalogs that end up in landfills a week later. (Why does a boogery faced 7 year old need a free catalog and why do all his brothers and sisters need their own catalogs?)

Offering discount coupons that more than offset the price of the catalog make them an easier sale. (The people that want one and will use one will pay for the catalog, realizing that the cost will be offset with their first purchase.)

In the end, fewer catalogs are taken and those that are taken are taken by folks that will keep them on their bookshelves longer. The cost of publishing catalogs is still covered by the company through the discount coupons, but the total cost is MUCH lower.

Anyhow, that's two cents worth from someone on the other side of the counter.

--

Val Breault - N80EF - vbreault@gmr.com \ / |
Instrumentation dept GM NAO R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \ / |___

Date: Mon, 8 Nov 1993 15:37:10 GMT
From: sdd.hp.com!apollo.hp.com!netnews@decwrl.dec.com
To: info-hams@ucsd.edu

References <931105.56411.GREGL@delphi.com>, <2beerb\$2m1@jericho.mc.com>,
<CG1I45.L2D@boi.hp.com>
Subject : Re: Radio Shack HTs

Possible stupid question: who makes the HTX-202?

--
#* Cary Scofield Hewlett-Packard/CSO/WSG/WTG/Collaborative Desktop Lab *#
#* EMAIL: scofield@ch.hp.com PH: (508)436-5765 FAX: (508)436-5146 *#
#* USMAIL: 300 Apollo Dr., MS CHR-03-DE, Chelmsford, MA 01824, U.S.A. *#
#* "He who knows, never tells. He who tells, never knew." - Lao Tzu *#
#* "One man's wisdom is another man's nonsense" - Herman Hesse *#

End of Info-Hams Digest V93 #1324

